EAST Search History

| Ref# | Hits | Search Query | DBs | Def ault Oper at or | Plurals | Time Stamp |
|------|------|--|--|------------------------|---------|---------------------|
| L1 | 2916 | ((359/566) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576)).CQLS. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | OFF | 2008/07/28 09:15 |
| L2 | 2 | L1 and (diffract\$ with resonan\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:15 |
| L3 | 2 | L1 and diffract\$ and (resonan\$ with specular \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |
| L4 | 56 | L1 and (diffract\$ with resonan\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:16 |
| L5 | 243 | (359/576).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/28 09:16 |
| L6 | 35 | L1 and (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |
| L7 | 75 | L1 and (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:16 |
| L8 | 347 | (359/571).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/28 09:16 |
| L9 | 14 | L1 and diffract\$ and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |
| L10 | 2 | L1 and diffract\$ and (resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |

| L11 | 2 | L1 and (diffract\$ with resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |
|-----|------|---|--|----|----|---------------------|
| L12 | 9 | L1 and diffract\$ and ((bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) with scatter\$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:16 |
| L13 | 5 | (diffract\$ with resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:41 |
| L14 | 15 | diffract\$ and (resonan\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:41 |
| L15 | 203 | diffract\$ and (enhanc\$5 with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:41 |
| L16 | 36 | diffract\$ and (resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:41 |
| L17 | 1579 | (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:41 |
| L18 | 259 | L17 and resona\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:41 |
| L19 | 1579 | (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:42 |
| L20 | 149 | L19 and (specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:42 |
| L21 | 1 | (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with specular \$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 09:42 |

| L22 | | (diffract\$ and (bead\$3 | US-PGPUB; | OR | ON | 2008/07/28 |
|-----|-----|--|---|----|-----|---------------------|
| | ۷ | or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with specular \$) | USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | On | Old | 09:42 |
| L23 | 51 | (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L24 | 39 | (resonan\$ near4 specular \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L25 | 187 | (diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) with array\$4)) and ((clos\$3 near4 pack\$3) or hexagon \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L26 | 351 | (diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) with array\$4)) and scatter\$4 and layer\$4 | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L27 | 12 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and (specular\$ near4 resona \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L28 | 163 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$ and scatter\$4 and (period\$6 near4 array \$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L29 | 10 | (diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$ and scatter\$4). clm. | US-PGPUB; US-PAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |
| L30 | 26 | (diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:42 |

| L31 | 109 | ((diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) with array\$4))).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:43 |
|-----|-------|---|--|----|----|---------------------|
| L32 | 44 | L31 and (scatter\$4 and (period\$6 near4 array \$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 09:43 |
| L33 | 23 | L1 and diffract\$ and resonan\$ and (spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$2)) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 10:20 |
| L34 | 6 | L1 and diffract\$ and ((spher\$2 or bispher\$2 or (binear3 spher\$2)) with layer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 10:28 |
| L35 | 1095 | diffract\$ and ((spher\$2 or bispher\$2 or bi?spher \$2 or (bi near3 spher\$2)) with layer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 10:32 |
| L36 | 187 | diffract\$ and ((spher\$2 or bispher\$2 or bi?spher \$2 or (bi near3 spher\$2)) with layer\$3) and resona \$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 10:32 |
| L37 | 5 | diffract\$ and (spher\$2 or bispher\$2 or bi?spher \$2 or (bi near3 spher\$2)) and (specular\$ near4 resona\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 12:58 |
| L38 | 21 | diffract\$ and (specular\$ near4 resona\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 12:59 |
| L39 | 1111 | diffract\$ and (specular\$ near4 enhanc\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 13:09 |
| L40 | 61822 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 14:21 |
| L41 | 6082 | diffract\$ and ((cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) with layer\$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 14:21 |

| L42 | 1100 | 41 and resona\$ | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 14:22 |
|-----|------|--|--|----|-----|---------------------|
| L43 | 63 | 41 and (resona\$ near4 ((specular\$ or enhanc\$)) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/07/28 14:23 |
| L44 | 97 | (diffract\$ and ((cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) with layer\$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 14:29 |
| S1 | 2874 | ((359/566) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/12 13:13 |
| S2 | 2 | S1 and (diffract\$ with resonan\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 13:17 |
| S3 | 2 | S1 and diffract\$ and (resonan\$ with specular \$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 13:18 |
| S4 | 52 | S1 and (diffract\$ with resonan\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 13:19 |
| S5 | 238 | (359/576).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/12 13:21 |
| S6 | 32 | S1 and (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 14:44 |
| S7 | 72 | S1 and (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 14:54 |
| S8 | 345 | (359/571).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/12 15:01 |

| S9 | 14 | S1 and diffract\$ and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/12 16:58 |
|------|------|--|--|----|----|------------------|
| S10 | 2 | S1 and diffract\$ and (resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/12 16:58 |
| S11 | 2 | S1 and (diffract\$ with resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 16:58 |
| S12 | 8 | S1 and diffract\$ and ((bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) with scatter\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:05 |
| S13 | 884 | diffract\$ and ((bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) with scatter\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:07 |
| S14 | 5 | (diffract\$ with resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:07 |
| S15 | 1543 | diffract\$ and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:08 |
| S16 | 15 | diffract\$ and (resonan\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:08 |
| S17 | 186 | diffract\$ and (enhanc\$5 with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 17:15 |
| S18 | 36 | diffract\$ and (resona\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/12 18:59 |
| S 19 | 1497 | (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/03/12 19:07 |

| S20 | 248 | S19 and resona\$ | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/12 19:07 |
|-----|------|---|--|----|----|------------------|
| S21 | 1499 | (diffract\$ with (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 11:45 |
| S22 | 140 | S21 and (specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 11:45 |
| S23 | 1 | (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or (bi near3 spher\$3))) and (resonan\$ with specular\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 12:36 |
| S24 | 2 | (diffract\$ and (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with specular \$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 12:37 |
| S25 | 440 | (diffract\$ and (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 12:37 |
| S26 | 49 | (diffract\$ same (bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3))) and (resonan\$ with enhanc\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 12:39 |
| S27 | 39 | (resonan\$ near4 specular \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 12:50 |
| S28 | 1028 | (diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) with array\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 14:46 |
| S29 | 176 | (diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) wit h array\$4)) and ((clos\$3 near4 pack\$3) or hexagon \$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/13 16:10 |

| S30 | 328 | (diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) with array\$4)) and scatter\$4 and layer\$4 | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 17:24 |
|-----|------|--|--|----|----|------------------|
| S31 | 705 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and scatter\$4 and (period\$6 near4 array\$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:11 |
| S32 | 2550 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$ | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:16 |
| S33 | 12 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and (specular\$ near4 resona \$) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:16 |
| S34 | 151 | diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$ and scatter\$4 and (period\$6 near4 array \$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:18 |
| S35 | 9 | (diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$ and scatter\$4). | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:37 |
| S36 | 25 | (diffract\$ and (cylind\$3 or cylindr\$6 or bead\$3 or spher\$2 or bispher\$2 or bi?spher\$2 or (bi near3 spher\$3)) and specular\$).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:38 |
| S37 | 106 | (((diffract\$ same ((cylind \$3 or cylindr\$6 or bead \$3 or spher\$2 or bispher \$2 or bi?spher\$2 or (bi near3 spher\$3)) wit h array\$4))).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:41 |
| S38 | 44 | S37 and (scatter\$4 and (period\$6 near4 array \$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2008/03/13 18:42 |

| S39 | 2 | ("20030031846").PN. | US-PGPUB; | OR | ON | 2008/03/13 19:18 |
|-----|---|---------------------|---------------|----|-----|------------------|
| | | | USPAT; USOCR; | | iii | |
| | | | EPO; J PO; | | | |
| | | | DERWENT; | | 1 | |
| | | | I BM_TDB | | | |

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